| Issue Classification |  |  |  |  |  |  |  |  |  |
|----------------------|--|--|--|--|--|--|--|--|--|
|                      |  |  |  |  |  |  |  |  |  |

| Application No.   | Applicant(s)  |  |  |  |  |  |  |  |  |
|-------------------|---------------|--|--|--|--|--|--|--|--|
| 10/088,790        | FUKUDA ET AL. |  |  |  |  |  |  |  |  |
| Examiner          | Art Unit      |  |  |  |  |  |  |  |  |
|                   |               |  |  |  |  |  |  |  |  |
| Daniel G. DePumpo | 3611          |  |  |  |  |  |  |  |  |

|                               |                  | ORIGIN   | AL.         |                   |                                    | CROSS REFERENCE(S) |                                   |                  |          |                 |      |                          |              |     |       |            |     |             |            |
|-------------------------------|------------------|--|-------------|-------------------|------------------------------------|--------------------|-----------------------------------|------------------|----------|-----------------|------|--------------------------|--------------|-----|-------|------------|-----|-------------|------------|
| CLA                           | SS               |  | SUBCL       | ASS               |                                    | LASS               | SUBCLASS (ONE SUBCLASS PER BLOCK) |                  |          |                 |      |                          |              |     |       |            |     |             |            |
| 19                            | 10               | 7  | 144         |                   |                                    | 1Ec                | 44                                | ζ                |          |                 |      |                          |              |     |       |            |     |             |            |
|                               |                  | ONAL CL  |             | CATION            | 1                                  |                    | <b> </b>                          |                  |          | $\neg \uparrow$ |      |                          |              | T   |       |            |     | 1           |            |
| 136                           |                  | $\cap$   |             |                   | +-                                 | -                  |                                   |                  |          |                 |      |                          |              | +   |       | +          |     | -           |            |
| 15/6                          | 2                | <u>リ</u> ー   | <u>'</u> ک  | 04                | - -                                |                    | -                                 |                  |          |                 |      |                          |              | ┼   |       | -          |     | ļ           |            |
|                               | $\sqcup$         |  | /           |                   |                                    |                    |                                   |                  |          |                 |      |                          |              | ┦   |       |            |     |             |            |
|                               |                  |  | /           | •                 |                                    |                    |                                   |                  |          |                 |      |                          |              |     |       |            |     | 1           |            |
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|                               |                  |  |             | ,                 | 1                                  |                    |                                   |                  |          |                 |      |                          |              | †   |       |            |     |             |            |
| (Assistant Examiner) / (Pate) |                  |  |             |                   | DANIEL G. DePUMPO PRIMARY EXAMINER |                    |                                   |                  |          |                 | Т    | Total Claims Allowed: /3 |              |     |       |            |     |             |            |
|                               | 1.               |  | <u> </u>    | $\mathcal{Y}_{I}$ | als                                | M                  |                                   |                  |          | UV              |      | d71                      | 64           |     |       | O.G.       |     |             | .G.        |
| Y 10                          | ju               | \[ \begin{align*} \text{\$\lambda_{\text{\$\column\$}} \\ \text{\$\column\$} \\ \$\col |             | $\mu q$           | IP                                 |                    |                                   | M                | nary Exa | ()<br>uminer)   |      | (Date)                   |              |     | Print | Claim(     | S)  | Pnn         | t Fig.     |
| V (Le                         | egai ir          | nstrume  | nts Exa     | miner)            | (Date                              | e)                 |                                   | <i>J U</i> · · · | nary LAC | iiiiiiiei)      |      | (Upic)                   | •            |     |       | 1          |     |             |            |
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|                               | laim             | s renu   | mbere       | d in the          | sam                                | ne orde            | er as p                           | resen            | ted by   | appli           | cant | □с                       | PA           |     | □ T.  | D.         |     | □ R.        | 1.47       |
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| Final                         | Original         |  | Final       | Original          |                                    | Final              | Original                          |                  | Final    | Original        |      | Final                    | Original     |     | Final | Original   |     | Final       | Original   |
| ۴                             | ō                |  | ш           | Ö                 |                                    | ш                  | Ö                                 |                  | ш        | Ö               |      | ш                        | \ <u>\</u> 2 |     | ш     | Ori        |     | Ľ.          | Ö          |
| 7                             | 1                | ┨ .  |             | 31                |                                    |                    | 61                                |                  |          | 91              |      |                          | 121          | 1   |       | 151        | i i |             | 181        |
| 5                             | 2                | 1  |             | 32                |                                    |                    | 62                                |                  |          | 92              | '    |                          | 122          | ı   |       | 152        |     |             | 182        |
| 3                             | 3                | 1  |             | 33                |                                    |                    | 63                                |                  |          | 93              |      |                          | 123          | j   |       | 153        |     |             | 183        |
|                               | 4                | 7  |             | 34                |                                    |                    | 64                                |                  |          | 94              | ] .  |                          | 124          | Ī   |       | 154        |     |             | 184        |
|                               | 5                |  |             | 35                |                                    |                    | 65                                | :                |          | 95              | •    |                          | 125          |     |       | 155        |     |             | 185        |
|                               | 6                |  |             | 36                |                                    |                    | 66                                |                  |          | 96              |      |                          | 126          | - 7 |       | 156        |     |             | 186        |
|                               |                  | 4  |             | 37                |                                    |                    | 67                                |                  |          | 97              | ,    |                          | 127          | ļ   |       | 157        |     |             | 187        |
|                               | <u> </u>         | 4  |             | 38                |                                    |                    | 68                                |                  |          | 98              |      |                          | 128          | - } |       | 158        |     |             | 188        |
|                               | 9                | 4  |             | 39                |                                    |                    | 69                                |                  |          | 99              |      |                          | 129          | }   |       | 159        |     |             | 189        |
|                               | 10               | 4  |             | 40                |                                    |                    | 70                                |                  |          | 100             |      |                          | 130          | }   |       | 160        |     |             | 190        |
|                               | 111              | -  |             | 41 42             |                                    | ļ                  | 71<br>72                          |                  |          | 101             |      |                          | 131<br>132   | -   |       | 161        |     |             | 191        |
|                               | 1 <u>2</u><br>13 | -  |             | 43                |                                    |                    | 73                                |                  |          | 102<br>103      | }    |                          | 133          | - 1 |       | 162<br>163 |     |             | 192<br>193 |
| 14                            | 14               | $\dashv$   |             | 44                |                                    |                    | 74                                |                  |          | 103             | }    |                          | 134          | 1   |       | 164        |     |             | 194        |
| 3                             | 15               | ┨ ・  |             | 45                |                                    |                    | 75                                | 0                |          | 105             | ĺ    |                          | 135          |     |       | 165        |     |             | 195        |
| 6                             | 16               |  |             | 46                |                                    |                    | 76                                |                  |          | 106             | ſ    |                          | 136          | ŀ   |       | 166        |     |             | 196        |
| 7                             | 17               | 1  |             | 47                |                                    |                    | 77                                |                  |          | 107             | [    |                          | 137          | İ   |       | 167        |     |             | 197        |
| 8                             | 18               |  |             | 48                |                                    |                    | 78                                |                  |          | 108             | -    |                          | 138          | j   |       | 168        |     |             | 198        |
| 9                             | 19               |  |             | 49                |                                    |                    | 79                                |                  |          | 109             |      |                          | 139          | Į   |       | 169        |     |             | 199        |
| 10                            | 20               | _[   |             | 50                |                                    |                    | 80                                |                  |          | 110             |      |                          | 140          | [   |       | 170        |     |             | 200        |
|                               | 21               | _  |             | 51                | -                                  |                    | 81                                |                  |          | 111             |      |                          | 141          | ļ   |       | 171        |     |             | 201        |
| 12                            | 22               | 4  | ļ           | 52                |                                    |                    | 82                                |                  |          | 112             |      | <u> </u>                 | 142          |     |       | 172        |     |             | 202        |
| 13                            | 23               | 4  |             | 53                |                                    |                    | 83                                |                  |          | 113             |      |                          | 143          |     |       | 173        |     |             | 203        |
|                               | 24<br>25         | 4  | <u> </u>    | 54<br>55          |                                    | $\vdash$           | 84                                |                  |          | 114             | }    |                          | 144          | -   |       | 174        |     |             | 204        |
|                               | 25<br>26         | $\dashv$   | <del></del> | 56                |                                    | -                  | 85<br>86                          |                  | <u> </u> | 115<br>116      | 1    |                          | 145<br>146   | -   |       | 175<br>176 |     | <del></del> | 205        |
|                               | 27               | $\dashv$   |             | 57                |                                    |                    | 87                                |                  |          | 117             |      |                          | 147          | }   |       | 177        |     |             | 206<br>207 |
|                               | 28               | $\dashv$   |             | 58                |                                    |                    | 88                                |                  | <u> </u> | 118             |      |                          | 148          |     |       | 178        |     |             | 208        |
|                               | 29               | -  | <b></b>     | 59                |                                    |                    | 89                                |                  | <u> </u> | 119             | 1    |                          | 149          |     |       | 179        |     |             | 209        |
|                               | 30               | 1  |             | 60                |                                    |                    | 90                                |                  |          | 120             | 1    |                          | 150          | Ì   |       | 180        |     |             | 210        |

**ISSUE CLASSIFICATION**